

SODEBURY RURAL DISTRICT COUNCIL

Mr. Chairman, Councillors and Gentlemen,

I beg to submit my Annual Report for the Year 1945. Details are supplied on the lines requested by Circular 28/46 of the Ministry of Health.

I regret that it has not yet been found possible to compile a report similar to that of 1938 with full details of local social conditions but an effort will be made to do so for 1946.

ANNUAL REPORT

The health of the District has been under review during the 12 months under review. Infectious diseases reached epidemic proportions as regards Measles but complications were not frequent (there was one death). The cases of poliomyelitis were analysed, were notified at about the same time as several other cases were notified in Thames Valley Rural District. It so happened that the first case to be notified in Marshfield was the first of the cases in South Gloucestershire, and the other in Puckchurch was the last to be notified in South Gloucestershire.

MEDICAL OFFICER OF HEALTH

The problem of housing in the District is still housing accommodation and in anticipation of the early delivery of prefabricated (temporary and permanent) and the traditional built houses, the Medical Officer of Health has been appointed as final arbiter of the allocation of houses. The allocation is carried out on the basis of need and local Councils are consulted.

I am glad to be able to report that no change has taken place in the personnel of the Sanitary Department and am glad also to report that I have received the whole-hearted co-operation of the Sanitary Inspector who has assisted the Council on the Environmental Health Services.

FOR THE YEAR

1945

I am,

Yours faithfully,

Medical Officer of Health

(Serial Number of Report - 33)



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SODBURY RURAL DISTRICT COUNCIL

Council Offices,
Chipping Sodbury,
Nr. Bristol.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my Annual Report for the year 1945. Details are supplied on the lines requested by Circular 28/46 of the Ministry of Health.

I regret that it has not yet been found possible to compile a report similar to that of 1938 with full details of local social conditions but an effort will be made to do so for 1946.

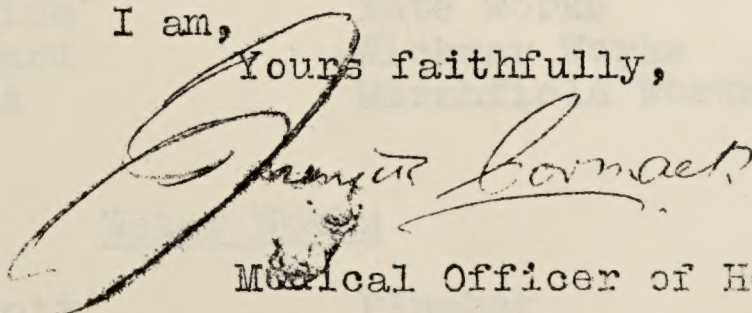
The health of the District has been satisfactory during the 12 months under review. Infectious Disease reached epidemic portions as regards Measles but associated complications were not frequent (there was one death). Two cases of poliomyelitis (infantile paralysis) were notified at about the same time that several other cases were notified in Thornbury Rural District. It so happened that the first case to be notified in Marshfield was the first of the cases in South Gloucestershire, and the other in Pucklechurch was the last to be found in South Gloucestershire.

The greatest need at the present time is still housing accommodation and in anticipation of the early delivery of prefabricated (temporary and permanent) and the traditional built houses, the Medical Officer of Health has been appointed as final arbiter of the allocation of houses. This allocation is carried out on the basis of need and Local Councillors are consulted.

I am glad to be able to report that no change has taken place in the personnel of the Sanitary Department and am glad also to advise you that I have received the whole hearted co-operation of the Chief Sanitary Inspector who has collated the information on the Environmental Health Services.

I am,

Yours faithfully,



Medical Officer of Health.

S O D B U R Y R U R A L D I S T R I C T

Composition of District-

Parishes of Chipping Sodbury, Old Sodbury, Little Sodbury, Westerleigh, Pucklechurch, Dodington, Dyrham and Hinton, Wick and Abson, Doynton, Cold Ashton, Marshfield, Tormarton, Acton Turville, Badminton, Horton, Hawkesbury, Alderley, Wickwar, Yate, Frampton Cotterell, Iron Acton, Winterbourne, Filton, Stoke Gifford.

Chairman of Council

W.G. Forrest, Esq., J.P., Cote Bank, North Road, Yate

Clerk to Council

L.C. St. Leger Yeend, A.C.I.S., A.L.A.A.

Medical Officer of Health

J. Menzies Cormack, M.B., Ch.B., D.P.H.

Inspectorate

Chief Sanitary Inspector R.S. Shears M.S.I.A.

Inspectors

H.S. Hale, M.S.I.A.

F. Evans, M.S.I.A.

Clerks

Mrs. E. Jay

Mrs. L.M. Couzens (to Sept.1945)

Miss L.A.N. Lee (from Sept.1945)

Sewage Works Attendants

S. Huggins

Yate Works

H. Gothard

Wickwar Works

W. Hicks

Marshfield Works

Water Works

E. Pincott

Plumber

S T A T I S T I C S 1 9 4 5

(a) General Statistics

Area of District	68,557 acres
Population (Registrar-General's estimate mid-1945)	33,570
Estimated number inhabited houses (December - Rate Books)	9,118
Rateable Value	£178,348
Sum represented by penny rate	£720

(b) Extract from Vital Statistics

		Tot.	M.	F.		
Live Births -	Legitimate	625	325	300	Birth Rate per 1,000 estimated resident popula- tion mid-1945	20.4
	Illegitimate	50	27	23		
					England & Wales	16.1
Still Births -	Legitimate	19	9	10	Rate per 1,000 total (live & still births)	30.0
	Illegitimate	2	1	1		
<u>Deaths</u>						
Infants under 1 yr. -	Legitimate	24	15	9	Rate per 1,000 live births	37
	Illegitimate	1	-	1		
					England & Wales	46
Deaths (Total)		315	161	154	Death rate per 1,000 estimated average popula- tion	9.9
					England & Wales	11.4

TABLE SHOWING INCIDENCE OF INFECTIOUS DISEASE IN AGE GROUPS 1945

	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 and over	Total
Diphtheria	1	-	1	1	-	5	1	1	3	-	-	-	13
Dysentery	1	-	1	1	1	3	8	4	16	-	2	-	37
Erysipelas	1	-	-	-	-	-	1	-	-	2	2	-	6
Measles	8	33	40	71	95	275	85	38	21	-	-	-	666
Ophthalmia Neonatorum	1	-	-	-	-	-	-	-	-	-	-	-	1
Pneumonia	-	2	1	2	2	7	12	3	13	4	4	-	50
Poliomyelitis	-	-	-	-	-	1	-	-	-	1	-	-	2
Puerperal Pyrexia	-	-	-	-	-	-	-	-	3	-	-	-	3
Scarlet Fever	1	1	4	2	6	29	14	4	2	2	1	-	66
Whooping Cough	15	9	14	13	10	18	1	1	-	-	-	-	81

TABLE SHOWING INCIDENCE OF INFECTIOUS DISEASE IN PARISHES 1945

Parish	Diphtheria	Dysentery	Erysipelas	Measles	Ophthalmia Neonatorum	Pneumonia	Polio-myelitis	Puerperal Pyrexia	Scarlet Fever	Whooping Cough
Acton Turville	-	-	-	19	-	1	-	-	1	3
Alderley	-	-	-	55	-	-	-	-	-	-
Badminton	-	-	-	19	-	1	-	-	-	-
Chipping Sodbury	-	-	1	34	-	-	-	-	5	6
Coalpitt Heath	-	-	-	2	-	-	-	-	4	2
Codrington	-	-	-	-	-	-	-	-	1	-
Cold Ashton	-	-	-	2	-	-	-	-	-	-
Dodington	-	-	-	16	-	-	-	-	-	-
Doynton	-	-	-	7	-	-	-	-	-	-
Dyrham & Hinton	-	-	-	16	-	-	-	-	-	-
Filton	-	1	-	29	-	4	-	-	19	4
Frampton Cottrell	2	10	2	14	1	2	-	1	9	34
Frenchay	1	-	-	5	-	3	-	-	1	8
Hambrook	1	-	-	8	-	2	-	-	2	1
Hawkesbury	3	-	-	2	-	1	-	1	-	1
Hillesley	2	-	-	6	-	-	-	-	-	-
Horton	-	-	-	2	-	-	-	-	-	-
Iron Acton	-	-	2	6	-	1	-	-	-	-
Little Sodbury	-	-	-	1	-	-	-	-	1	-
Marshfield	-	1	-	21	-	-	1	-	-	7
Old Sodbury	-	-	-	15	-	-	-	-	3	2
Pucklechurch	-	-	-	12	-	32	-	-	3	-
Stoke Gifford	-	25	1	17	-	-	-	-	-	-
Tormarton	-	-	-	14	-	-	-	-	2	1
Westerleigh	-	-	-	7	-	-	-	-	-	-
Wick	-	-	-	14	-	2	-	-	2	-
Wickwar	-	-	-	22	-	-	-	-	-	-
Winterbourne	-	-	-	13	-	1	-	-	-	2
Yate	4	-	-	28	-	1	-	1	10	10
TOTAL	13	37	6	666	1	50	2	3	66	81

TUBERCULOSIS

NEW CASES AND DEATHS IN AGE GROUPS 1945

AGE	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
Under 1 year	-	-	-	-	-	-	-	-
1 - 5 years	-	-	-	-	-	-	-	2
5 - 15 years	1	4	4	1	-	-	-	-
15 - 25 years	15	10	-	1	-	1	-	1
25 - 35 years	7	5	3	-	1	-	-	-
35 - 45 years	2	4	-	-	1	2	-	-
45 - 55 years	-	1	-	-	1	1	-	-
55 - 65 years	1	1	-	-	2	-	-	-
65 upwards	-	-	-	-	-	-	-	-
TOTALS	26	25	7	2	5	4	-	3

TABLE SHOWING PRINCIPAL CAUSES OF DEATH

1945

	Und. 1	1-	5-	15-	25-	45-	65-	75-	Tot- al
1. Typhoid and paratyphoid fevers	-	-	-	-	-	-	-	-	-
2. Cerebro-spinal fever	-	-	-	-	-	-	-	-	-
3. Scarlet Fever	-	-	-	-	-	-	-	-	-
4. Whooping Cough	2	-	-	-	-	-	-	-	2
5. Diphtheria	-	-	-	-	-	-	-	-	-
6. Tuberculosis of resp. system	-	-	-	-	5	2	2	-	9
7. Other forms of Tuberculosis	-	2	-	-	1	-	-	-	3
8. Syphilitic Disease	-	1	-	-	1	-	-	-	2
9. Influenza	-	-	-	-	-	1	1	2	4
10. Measles	1	-	-	-	-	-	-	-	1
11. Acute poliomyelitis and polioencephalitis	-	-	-	-	-	-	-	-	-
12. Acute infectious encephalitis	-	-	-	1	-	-	-	-	1
13M Cancer of buccal cavity & oesophagus (males only)	-	-	-	-	-	-	-	-	-
13F Cancer of uterus	-	-	-	-	-	-	-	-	-
14. Cancer of stomach & duodenum	-	-	-	-	-	5	5	5	15
15. Cancer of breast	-	-	-	-	-	-	1	2	3
16. Cancer of all other sites	-	-	-	-	2	11	12	11	36
17. Diabetes	-	-	-	-	1	-	-	-	1
18. Intra-cranial vascular lesions	-	-	-	-	-	14	11	16	41
19. Heart Disease	-	-	-	-	1	15	28	43	87
20. Other diseases of the circulatory system	-	-	-	-	-	1	1	2	4
21. Bronchitis	-	-	-	-	-	3	2	9	14
22. Pneumonia	6	-	1	-	2	3	-	9	21
23. Other respiratory diseases	1	-	-	-	-	-	1	1	3
24. Ulceration of the stomach or duodenum	-	-	-	-	-	1	-	-	1
25. Diarrhoea (under 2 yrs.)	1	-	-	-	-	-	-	-	1
26. Appendicitis	-	-	-	-	1	-	-	-	1
27. Other digestive diseases	-	-	-	-	-	1	4	4	9
28. Nephritis	-	-	1	-	-	1	2	2	6
29. Puerperal & post-abortive sepsis	-	-	-	-	-	-	-	-	-
30. Other maternal causes	-	-	-	-	-	-	-	-	-
31. Premature birth	6	-	-	-	-	-	-	-	6
32. Congenital malformations, birth injury, infantile dis.	8	-	-	-	-	-	-	-	8
33. Suicide	-	-	-	-	1	2	-	-	3
34. Road Traffic accidents	-	-	-	2	-	-	-	-	2
35. Other violent causes	-	-	1	-	2	1	1	5	10
36. All other causes	-	-	1	-	3	4	2	11	21
T O T A L S	25	3	4	3	20	65	73	122	315

ANNUAL REPORT

YEAR 1945

ON THE ENVIRONMENTAL HEALTH SERVICES

HOUSING

Survey

Good progress has been made in the Rural Housing Survey, a total of 3,419 having been inspected and categorised as follows:-

	No.
Category 1 Satisfactory in all respects	603
Category 2 Minor defects	1,016
Category 3 Requiring repair, structural alteration or improvement	1,325
Category 4 Appropriate for reconditioning under the Housing (Rural Workers) Act	65
Category 5 Unfit for habitation and beyond repair at reasonable expense	414
TOTAL	3,419

Repairs

Despite the difficulties of labour, material and licensing requirements satisfactory progress was made in respect of urgent housing repairs although it was necessary to institute Summary proceedings in two cases for failure to comply with Section 93 Notices. In both cases Court Orders were made and fines.

Statistics

	No.
Total number of houses inspected for housing defects (under Public Health or Housing Acts)	376
Number found to require repairs	86
Informal notices served	71
Informal notices not complied with at end of year	3
Statutory Notices served	129
Statutory Notices not complied with at end of year	15

/Number

Number of visits made for reinspection and supervision of repairs	553
Visits in respect of Overcrowding	39
Houses found to be unfit for habitation	See Rural Housing Survey

(N.B. The Survey figures aforementioned are excluded)

Applications for Council Houses

There has been a rapid increase in the number of applications in the last few months of the year and there are now 1,154 on the files. A points system is in operation but it must be emphasised that it can only provide a basis for selection and it does not necessarily follow that an applicant with the highest number of points has the greatest need. The Council's plans for the provision of permanent and prefabricated dwellings are well advanced.

SEWERS AND SEWERAGE

Section 24 of the Public Health Act, 1936 has been operative in the Filton Area where considerable trouble has been experienced with blocked drains and sewers mainly caused by misuse. Further complaints were received regarding flooding in 8th Avenue, Filton, and concerning which a scheme for the enlargement of the surface water sewer was stopped at the outbreak of the war. Co-operations with the Bristol Engineer's Department and the rodding and clearance of the sewer has obviated further complaints to date.

With the cessation of hostilities it is hoped that an early opportunity will arise for the commencement of sewerage schemes which are urgently necessary. In this connection certain schemes have been submitted to the Gloucestershire County Council under the Rural Water Supplies and Sewerage Act, 1944.

Wickwar Sewage Works

A scheme is in hand to provide adequate sludge drying beds at these Works.

Public Health (Drainage of Trade Premises) Act, 1937

Many samples have been taken during the year for the detection and control of trade effluents likely to interfere with the normal processes of treatment.

WATER SUPPLIES

The area is served by a private utility Company, The West Gloucestershire Water Company, except for the Parish of Hawkesbury where the Council are the water undertakers.

Circular 28/46

(i) The supplies afforded have been satisfactory in quality from the bacteriological standpoint. The question of the reduction of temporary hardness prior to distribution and to which I made reference in the 1944 Report is receiving attention from the adjacent authorities and the Water Undertakers.

/ii)

(ii) Bacteriological examinations of the raw water are made by the West Gloucestershire Water Company as follows:-

from Shipton Moyne - fortnightly
from Frampton Cotterell - 3 monthly

Bacteriological examinations of Output Water are made

from Shipton Moyne - fortnightly
from Frampton Cotterell - fortnightly

Results

<u>Sample</u>	<u>B. Coli</u>	
	<u>present</u>	<u>absent</u>
Shipton Moyne raw	18	3
Shipton Moyne output	-	25
Frampton raw	-	5
Frampton output	1	35

(above results apply to the whole of the Company's area)

Hawkesbury Water Supply 12 examinations

Results 11 examinations B. Coli absent in 100 c.c's
1 examination B. Coli present in 100 c.c's. Absent in 75 c.c's

The unsatisfactory sample was taken from a dead end main and after being thoroughly flushed a repeat sample was satisfactory.

(iii) Both waters are not plumbo-solvent.

(iv) No action necessary in respect of contamination except as already indicated.

(v) Proportion of dwelling houses supplied from public water mains.

(a) direct to houses 81.4%
(b) by means of Standpipes 1.14%

Proportion of population supplied from public mains on the basis of $3\frac{1}{2}$ persons per dwelling 77.3%

WEST GLOUCESTERSHIRE WATER SUPPLY

Results of chemical analysis expressed in parts per 100,000.
Examined by Gordon Miles, B.Sc., F.R.I.C.

	<u>Frampton Cotterell Output</u>	<u>Shipton Moyne Output</u>
Calcium carbonate	14.5	19.5
Magnesium Carbonate	7.6	3.1
Sodium Carbonate	5.8	1.4
Sodium Sulphate	9.3	6.8
Sodium Chloride	4.4	7.6
Silica	1.1	1.0
Difference	0.8	1.1
Total solid constituents dried at 180°C	43.5	40.5

	<u>Frampton Cotterell Output</u>	<u>Shipton Moyne Output</u>
Temporary hardness	23.5	22.5
Permanent hardness	0.0	0.5
Free Ammonia	0.0048	0.0100
Ammoniacal Nitrogen	0.0040	0.0080
Albuminoid Ammonia	0.0000	0.0000
Albuminoid Nitrogen	0.0000	0.0000
Oxygen absorbed in 4 hours at 80°F	0.010	0.000
Nitrogen in nitrites	Less than 0.001	Less than 0.001
Iron	0.003	0.013
Other Metals	absent	absent
Nitrogen in Nitrates	0.00	0.00
Free chlorine reaction	0.2 part per million	0.2 part per million

HAWKESBURY WATER SUPPLY

Result of chemical analysis expressed in parts per 100,000
Date December, 1945. Examined by the County Analyst.

Total Dissolved Solids	27.6	Mineral Ammonia	0.0024
Combined Chlorine	1.4	Organic Ammonia	Absent
Nitrogen present as Nitrates	0.020	Temporary Hardness	21.0
Nitrogen present as Nitrates	Absent	Permanent Hardness	2.0
Oxygen required to oxidise the organic matter in 5 hours			0.008

Remarks

The analysis shows that this water in its present condition is satisfactory for a public supply.

PUBLIC CONVENIENCES

The conveniences at Filton and Marshfield have been well maintained and coincidental with the cessation of hostilities the amount of wilful damage and vandalism has been appreciably less.

With the resumption of increased travel facilities by coach the need for a Public Convenience at Chipping Sodbury has become critical and it is to be hoped that the provision will not be further delayed.

FACTORIES ACT, 1937

There are 83 power and 37 non-power factories on the register. Certificates as to means of escape from fire are now dealt with by the Surveyor. Informal action secured improved sanitary accommodation in three cases.

INSPECTION AND SUPERVISION OF FOOD

(a) MILK

Production and Distribution

Total number of registered Cowkeepers ...	...	408
Total number of registered retail Dairies ...	...	19
Retail purveyors with registered premises outside the District ..		4

Milk (Special Designations) Orders 1936 - 1942

Licences granted by the Gloucester County Council :-

Accredited Producers ..	...	86
Tubercular Tested Producers	...	14

Supplementary Licences granted by the Council

Sale of Pasteurised Milk ...	...	4
Sale of Tuberculin Tested Milk ...	...	2
Bottling Establishments Licenced (T.T.)	...	1

437 Inspections were made of Cowsheds and Dairies and the closest co-ordination exists with the County Health Department in matters relating to the issue of licences for the sale of designated milks. Improvements were made to many Cowsheds and Dairies during the year.

18 Samples of milk were taken and submitted for bacteriological purposes.

(b) MEAT AND OTHER FOODS

(i) The number of animals (carcases and offal) inspected at the Westerleigh Abattoir, which deals with animals of low category was as follows:-

Cattle including Calves	487
Sheep and Lambs	40
Pigs	178

The weight of meat condemned as being unfit for human consumption was as follows:-

	Tons.	Cwts.	Qrs.	Lbs.
Beef	11	13	-	7
Mutton and Lamb		2	-	3
Pork			2	13
	11	15	2	23

The incidence of disease in food animals slaughtered is shown in the following table.

	<u>Cows</u>	<u>Calves</u>	<u>Sheep and Lambs</u>	<u>Pigs</u>
Number killed	442	45	40	178
Number inspected	442	45	40	178

All diseases except Tuberculosis

Whole carcases condemned	5	-	2	-
Carcases of which some portion or organ were condemned	30			4

Percentage

(b) MEAT AND OTHER FOODS (CONTD.)

All diseases except Tuberculosis

	<u>Cows</u>	<u>Calves</u>	<u>Sheep and Lambs</u>	<u>Pigs</u>
Percentage of number inspected infected with disease other than Tuberculosis	7.91%	-	5%	2.24%

Tuberculosis

Whole carcasses condemned	20	1	-	-
Carcasses of which some part or organ was condemned	230	-	-	1
Percentage of number inspected infected with Tuberculosis	56.56%	2.22%	-	.56%

(ii) Other Foods Condemned

Canned Meats	...	...	...	...	...	...	124 tins
Canned Fish	...	...	...	...	...	...	89 tins
Canned Fruits	...	...	...	...	...	...	4 tins
Canned Vegetables	...	...	...	...	...	...	114 tins
Canned Milk	...	...	...	...	...	...	24 tins
Cheese	...	...	...	...	...	...	28 lbs.
Tea	...	...	...	...	...	...	31 lbs.
Bacon	...	...	...	...	...	...	20 lbs.
Sausage Meat	...	...	...	...	...	...	1372 lbs.
Fruit	...	...	...	...	...	...	29 cartons
Jam	...	...	...	...	...	...	57 lbs.
Padding mixture	...	...	...	...	...	...	212 lbs.
Canned Soups	...	...	...	...	...	...	726 tins

SUMMARY OF GENERAL INSPECTIONS

INFECTIOUS DISEASE

Visits made	...	...	...	...	...	...	...	152
Premises treated	...	...	...	...	...	...	...	113

DISINFESTATIONS

Inspections and treatment of premises	...	...	...	...	...	...	...	256
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DRAINAGE

Number of drains inspected	..	...	...	...	...	...	...	141
Number of drains tested	...	...	...	...	...	...	...	36
Visits for supervision of repair	...	...	...	...	...	...	...	97
Number of cesspools inspected	...	...	...	...	...	...	...	15
Number of cesspools found to be defective	...	...	...	...	...	...	...	7
Number of closets inspected	.	...	...	...	...	...	...	43
Inspections of Sewers and Sewage Disposal Works							...	177

FOOD

Visits to Slaughterhouses	...	...	...	...	...	...	...	81
Visits to Meat Shops, Stalls and Vehicles					...	...	...	52
Inspections of Bakehouses	...	...	...	...	...	...	...	13
Inspections of Food shops and premises	...	...	...	...	...	...	...	116

GENERAL INSPECTIONS

Amusement houses and hotels	..	...	...	...	...	...	...	2
Factories inspected	...	...	...	...	...	...	...	24
Smoke observations	...	...	...	...	...	...	...	24
Moveable Dwellings	...	...	...	...	...	...	...	49
Schools	...	...	...	...	...	...	...	3
Public Conveniences	...	...	...	...	...	...	...	97
Emergency Mortuaries and Food Decontamination	..					...	...	64
Pollution of Watercourses	...	...	...	...	...	...	...	23
Samples of effluent taken	...	...	...	...	...	...	...	288
Complaints investigated	.	...	...	...	...	...	...	259
Control of refuse inspected	..	...	...	...	...	...	...	62
Unclassified visits	...	...	...	...	...	...	...	60

INSPECTIONS UNDER

Shop Acts	..	...	...	...	...	...	...	4
Petroleum Acts and Orders	...	...	...	...	...	...	...	1

WATER SUPPLY

Number of visits in respect of	...	...	...	...	...	...	...	198
Number of samples taken	...	...	...	...	...	...	...	25
Statutory Notices served	...	...	...	...	...	...	...	20
Number complied with (Mains connections)					...	...	...	19

